

Docket: 01139

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Boris SÜSSMANN

Group Art Unit: (not assigned)

Serial No.: (not assigned)

Filed: (herewith)

For: PROCESS FOR TRANSFER OF DATA  
INTO OR OUT OF A CONTROL  
APPARATUS AS A MEMORY-PROGRAMMABLE  
CONTROL UNIT AS WELL AS CONTROL  
APPARATUS

**PRELIMINARY AMENDMENT**

Honorable Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Sir:

Please amend the above-captioned application as follows:

IN THE SPECIFICATION:

Page 1, before line 5, insert the following paragraph:

#### Field of the Invention

Page 1, after line 7, insert the following paragraph:

## Background of the Invention

Page 2, after line 2, insert the following new paragraph:

### Summary of the Invention

Page 7, after line 18, insert the following:

Brief Description of the Drawings

The sole figure schematically shows a data transfer process according to the present invention

Detailed Description of the Invention

Page 15, cancel the one word paragraph at line 1 ("Summary") and replace it with the following paragraph:

Abstract of the Disclosure

**IN THE CLAIMS:**

3. (Amended) Process according to claim 1, characterized in that a memory range (BSS, PS, DS) of the control apparatus (16) constructed as a memory-programmable control unit is selectively actuatable through coding of the data set to be transferred.

4. (Amended) Process according to claim 1, characterized in that the authorization list (28) is individually adaptable, whereby a manipulation of the authorization list (28) is possible only with the corresponding rights.

5. (Amended) Process according to claim 3, characterized in that transfer types and/or memory ranges (BSS, PS, DS) are

defined, whereby a coding with digital signature (24) and/or public and/or private key (26) takes place in the event of a data transfer out of the data processing apparatus.

6. (Amended) Process according to claim 1, characterized in that the data (10) are coded on the part of the sender with a digital signature (18) and a public key (20), and in that the data (10) are decoded on the part of the recipient with an associated secret key (22).

7. (Amended) Process according to claim 1, characterized in that the data (10) are transmitted coded.

8. (Amended) Process according to claim 1, characterized in that the data (10) are transferred over a data network (14) such as an Intranet or the Internet.

11. (Amended) Control apparatus according to claim 9, characterized in that the memory range of the memory-programmable control unit is subdivided into definable regions (BSS, PS, DS), whereby for each memory range (BSS, PS, DS) in the authorization list (28), rights for different sender identifications (ID 1, ID 2, IDn) are definable.

REMARKS

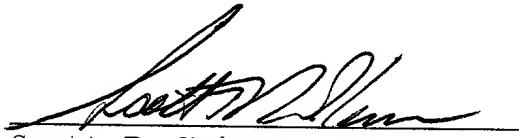
By the above amendment, all multiple dependencies have been removed from the claims and section headings have been added to the specification.

The sole drawing figure includes German wording. The enclosed, hand-marked sheet includes a translation of the German wording.

An action on the merits is respectfully requested.

Respectfully submitted,  
Dennison, Scheiner,  
Schultz & Wakeman

By:

  
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**IN THE CLAIMS:**

3. (Amended) Process according to claim 1 [or 2], characterized in that a memory range (BSS, PS, DS) of the control apparatus (16) constructed as a memory-programmable control unit is selectively actuatable through coding of the data set to be transferred.

4. (Amended) Process according to claim 1 [at least one of the preceding claims], characterized in that the authorization list (28) is individually adaptable, whereby a manipulation of the authorization list (28) is possible only with the corresponding rights.

5. (Amended) Process according to claim 3 [at least one of the preceding claims], characterized in that transfer types and/or memory ranges (BSS, PS, DS) are defined, whereby a coding with digital signature (24) and/or public and/or private key (26) takes place in the event of a data transfer out of the data processing apparatus.

6. (Amended) Process according to claim 1 [at least one of the preceding claims], characterized in that the data (10) are coded on the part of the sender with a digital signature (18) and a public key (20), and in that the data (10) are

decoded on the part of the recipient with an associated secret key (22).

7. (Amended) Process according to claim 1 [at least one of the preceding claims], characterized in that the data (10) are transmitted coded.

8. (Amended) Process according to claim 1 [at least one of the preceding claims], characterized in that the data (10) are transferred over a data network (14) such as an Intranet or the Internet.

11. (Amended) Control apparatus according to claim 9 [or 10], characterized in that the memory range of the memory-programmable control unit is subdivided into definable regions (BSS, PS, DS), whereby for each memory range (BSS, PS, DS) in the authorization list (28), rights for different sender identifications (ID 1, ID 2, IDn) are definable.